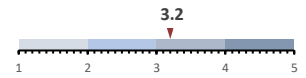


## SUMMARY: RELEVANT SIGNALS (includes all signals rated ≥ 3.0)

### Hantavirus

- ◆ The hantavirus strain linked to the MV Hondius cruise ship has been identified as the Andes virus which can spread from person to person with prolonged close contact; as of May 12, a total of 11 cases (9 confirmed, 2 probable) have been reported, including 3 deaths

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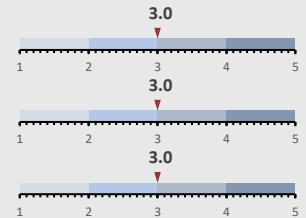
### Highly Pathogenic Avian Influenza

- ◆ Over the past week, **Canada** has reported outbreaks of HPAI in: commercial poultry in: **Alberta**(2)
- ◆ **Saskatchewan** has reported a fatal case of HPAI in a domestic cat in the southeastern part of the province; the cat spent time outdoors and may have had contact with infected wild birds
- ◆ CDC MMWR Article: Serologic Evidence of Highly Pathogenic Avian Influenza A(H5N1) Virus Infection in a Veterinary Professional Exposed to an Infected Domestic Cat — Los Angeles County, California, December 2024–January 2025
  - Among 139 people exposed to 19 H5N1-infected cats in Los Angeles County (Nov 2024–Jan 2025), one asymptomatic veterinary worker showed antibody evidence of infection 120 days after exposure to an infected cat, despite a negative PCR test one week after exposure

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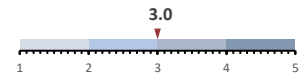
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### New World Screwworm

- ◆ **Mexico** has reported additional detections of NWS infestation in **Nuevo Leon**; two cases were reported in **Cadereyta** (canine and goat) and one case in **Linares** (bovine)

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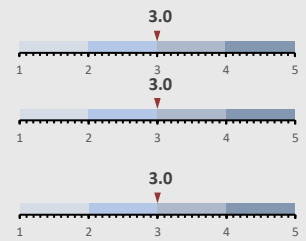
### Foot and Mouth Disease

- ◆ In **Russia**, in early March, one unvaccinated cow tested positive for FMD by PCR at a Novosibirsk laboratory; the lab lacked the specific accreditation required to detect the disease
- ◆ As of May 7, **Greece** has reported a total of 76 outbreaks of FMD SAT-1 on the island of **Lesvos**
- ◆ No additional information has been released on the FMD situation in **China**, however a recent Beacon report suggests that the detection of SAT1 in provinces >2000 km apart suggests widespread undetected spread or multiple introductions, indicating the outbreak may be underestimated

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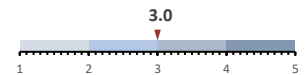
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### Lumpy Skin Disease

- ◆ **Italy** has reported an outbreak of LSD in **San Vito nel Sarrabus**, in southeastern **Sardinia**; this is the seventh outbreak reported so far this year

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## NEW EVENTS: (events rated > 2)

No new events to report this week

## CONTINUED EVENTS: (events rated ≥ 2.4)

<b>Hantavirus on the MV Hondius Cruise Ship</b> <ul style="list-style-type: none"> <li>The hantavirus strain linked to the <a href="#">MV Hondius</a> cruise ship has been identified as the <a href="#">Andes virus</a> which can spread from person to person with prolonged close contact; as of May 12, a total of 11 cases (9 confirmed, 2 probable) have been reported, including 3 deaths</li> <li>Four <a href="#">Canadians</a> linked to the MV Hondius hantavirus outbreak are now in mandatory quarantine on Vancouver Island</li> </ul>	<b>No. of Signals: 14</b>	<b>No. of weeks in report: 02</b>	<b>Avg. Rating: 2.0 - 3.2</b>
<b>Highly Pathogenic Avian Influenza in North America</b> <ul style="list-style-type: none"> <li>Over the past week, <a href="#">Canada</a> has reported outbreaks of HPAI in: commercial poultry in: Alberta(2)</li> <li><a href="#">Saskatchewan</a> has reported a fatal case of HPAI in a domestic cat in the southeastern part of the province; the cat spent time outdoors and may have had contact with infected wild birds</li> <li>Over the last week, the <a href="#">USDA</a> has reported outbreaks of HPAI in commercial poultry in: Indiana(2); and in a backyard flock in: Florida(1)</li> <li>As of May 11, 2026, the <a href="#">USDA</a> has reported influenza A(H5N1) in 1093 dairy herds across 19 states: Wisconsin(1), Nebraska(1), Wyoming(1), North Carolina(1), Ohio(1), Oklahoma(2), Kansas(4), Arizona(5), South Dakota(7), <a href="#">Minnesota</a>(9), New Mexico(9), Nevada(11), Iowa(13), Utah(13), Texas(30), <a href="#">Michigan</a>(31), <a href="#">Colorado</a>(64), Idaho(117), and California(773); no new outbreaks were reported over the last four weeks</li> <li><a href="#">Maryland</a> has reported cases of HPAI in black vultures near the Conowingo Dam</li> <li>Wastewater surveillance dashboards for influenza can be found at the <a href="#">CDC</a> and Stanford University's <a href="#">WastewaterSCAN</a></li> </ul>	<b>No. of Signals: 08</b>	<b>No. of weeks in report: 216</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<b>New World Screwworm in Central America &amp; Mexico</b> <ul style="list-style-type: none"> <li><a href="#">Mexico</a> has reported additional detections of NWS infestation in Nuevo Leon; two cases were reported in Cadereyta (canine and goat) and one case in Linares (bovine)</li> <li><a href="#">Mexico</a> has reported NWS infestation in a 12-year-old Doberman dog in Tlalpan, Mexico City</li> <li>As of May 11, 2026, <a href="#">Mexico</a> has reported 24,047 cumulative cases of the NWS infestations in animals, across 25 states</li> <li>The <a href="#">FDA</a> has issued an emergency use authorization for Negasunt Powder (coumaphos, propoxur, and sulfanilamide topical powder) for the treatment and prevention of NWS infestations</li> <li><a href="#">Honduras</a> has reported 141 cases of NWS infestation in humans so far in 2026</li> </ul>	<b>No. of Signals: 07</b>	<b>No. of weeks in report: 58</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<b>Lumpy Skin Disease in Europe</b> <ul style="list-style-type: none"> <li><a href="#">Italy</a> has reported an outbreak of LSD in San Vito nel Sarrabus, in southeastern Sardinia; this is the seventh outbreak reported so far this year</li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 21</b>	<b>Avg. Rating: 3.0</b>
<b>Foot and Mouth Disease in Asia</b> <ul style="list-style-type: none"> <li>In <a href="#">Russia</a>, in early March, one unvaccinated cow tested positive for FMD by PCR at a Novosibirsk laboratory; the lab lacked the specific accreditation required to detect the disease</li> <li>No additional information has been released on the FMD situation in <a href="#">China</a>, however a recent Beacon report suggests that the detection of SAT1 in provinces &gt;2000 km apart suggests widespread undetected spread or multiple introductions, indicating the outbreak may be underestimated</li> <li>In <a href="#">Israel</a>, FMD SAT-1 continues to spread, affecting cattle, sheep and wild ruminants across the country; the Ministry of Agriculture has secured &gt; 2 million vaccine doses to combat the outbreak and is conducting an intensive two-dose vaccination campaign</li> </ul>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 22</b>	<b>Avg. Rating: 2.3 - 3.0</b>
<b>Foot and Mouth Disease in Europe</b> <ul style="list-style-type: none"> <li>As of May 7, <a href="#">Greece</a> has reported a total of 76 outbreaks of FMD SAT-1 on the island of Lesbos</li> <li><a href="#">Cyprus</a> has confirmed FMD SAT-1 in additional sheep and goat farms, bringing the total number of outbreaks to 112</li> <li><a href="#">Cyprus</a> has introduced new stricter measures to reduce the spread to FMD</li> </ul>	<b>No. of Signals: 06</b>	<b>No. of weeks in report: 14</b>	<b>Avg. Rating: 2.0 - 3.0</b>
<b>Bovine Tuberculosis in the United States</b> <ul style="list-style-type: none"> <li><a href="#">Michigan</a> has reported cases of bTB in a cattle herd from Iosco County, south of Michigan's modified accredited zone for bTB</li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 13</b>	<b>Avg. Rating: 2.7</b>
<b>African Swine Fever in Europe</b> <ul style="list-style-type: none"> <li><a href="#">Spain</a> and <a href="#">Latvia</a> have reported additional cases of ASF in wild boar</li> <li><a href="#">Slovakia</a> and <a href="#">Moldova</a> have reported outbreaks of ASF in domestic swine</li> </ul>	<b>No. of Signals: 05</b>	<b>No. of weeks in report: 182</b>	<b>Avg. Rating: 2.0 - 2.6</b>
<b>Influenza A(H7N7) in Taiwan</b> <ul style="list-style-type: none"> <li>Genetic sequencing of <a href="#">Taiwan's</a> first human influenza A (H7N7) case identified that the virus carries the PB2 E627K mutation; the overall public health risk has been classified as low</li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 02</b>	<b>Avg. Rating: 2.6</b>
<b>Influenza A(H9N2 &amp; H5N6) in China</b> <ul style="list-style-type: none"> <li><a href="#">China</a> has reported a human case of influenza A(H5N6) in a 55-year-old female from Chongqing, with symptom onset on April 16, and exposure to poultry</li> <li><a href="#">China</a> has also reported a human case of influenza A(H9N2) in a one-year-old boy from Guangxi Zhuang, with onset April 12</li> </ul>	<b>No. of Signals: 02</b>	<b>No. of weeks in report: 81</b>	<b>Avg. Rating: 2.3 - 2.5</b>
<b>Vesicular Stomatitis in the United States</b> <ul style="list-style-type: none"> <li>The <a href="#">USDA</a> has confirmed VSV New Jersey strain on an equine premises in Montezuma County, Colorado; the index case for Colorado for 2026</li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 17</b>	<b>Avg. Rating: 2.5</b>
<b>Highly Pathogenic Avian Influenza in Europe</b> <ul style="list-style-type: none"> <li>While most of Europe is experiencing a decline in HPAI, <a href="#">Poland</a> is experiencing an intensification, with 117 outbreaks reported in commercial flocks as of early May, and ~2 million birds affected</li> <li>A summary of the overall HPAI situation in Europe is available <a href="#">here</a></li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 273</b>	<b>Avg. Rating: 2.0</b>
<b>Highly Pathogenic Avian Influenza in Asia</b> <ul style="list-style-type: none"> <li><a href="#">India</a> has reported additional outbreaks of HPAI in domestic poultry in Navapur</li> </ul>	<b>No. of Signals: 03</b>	<b>No. of weeks in report: 237</b>	<b>Avg. Rating: 2.0</b>
<b>Highly Pathogenic Avian Influenza in South America</b> <ul style="list-style-type: none"> <li><a href="#">Argentina</a> has confirmed a case of HPAI H5 in backyard birds in Valcheta, Río Negro Province</li> </ul>	<b>No. of Signals: 01</b>	<b>No. of weeks in report: 117</b>	<b>Avg. Rating: 2.0</b>

## SCIENTIFIC FINDINGS, REPORTS, AND GUIDANCE:

### Foot and Mouth Disease

- ◆ Seroepidemiology and serotype diversity of foot-and-mouth disease virus in cattle and other domestic ungulates across Nigeria [Read More](#)

### Influenza

- ◆ CDC MMWR - Serologic Evidence of Highly Pathogenic Avian Influenza A(H5N1) Virus Infection in a Veterinary Professional Exposed to an Infected Domestic Cat — Los Angeles County, California, December 2024–January 2025 [Read More](#)
- ◆ CDC MMWR - Fatal Human Case of Highly Pathogenic Avian Influenza A(H5N5) in a Backyard Flock Owner — Washington, November 2025 [Read More](#)
- ◆ Mammary and respiratory infection of sheep with H5Nx clade 2.3.4.4b viruses with milk-mediated transmission to lambs [Read More](#)
- ◆ Surveillance on California dairy farms reveals multiple possible sources of H5N1 influenza virus transmission [Read More](#)
- ◆ Pre-print: Emergence of D1.1 reassortant H5N1 avian influenza viruses in North America [Read More](#)
- ◆ Human Infection with Highly Pathogenic Avian Influenza A(H5N5) Virus [Read More](#)
- ◆ Canine influenza virus at the human-animal interface: origins, adaptive evolution, and implications for public health [Read More](#)

### Vectors and Vector Borne Diseases

- ◆ CDC MMWR - *Notes from the Field*: Increase in Eastern Equine Encephalitis Virus Activity — Vermont, 2023–2024 [Read More](#)
- ◆ Circulation and overwintering of Usutu virus lineages in north-eastern Spain: A one health perspective (2021–2025) [Read More](#)
- ◆ Rickettsiae of the spotted fever group in dogs of the Americas: A systematic review and meta-analysis [Read More](#)
- ◆ An emerging tick-borne spotted fever group Rickettsia in China: Isolation, genomics, and human infection of *Rickettsia koreansis* [Read More](#)
- ◆ Escalating transmissibility of severe fever with thrombocytopenia syndrome in a high-endemic region of China [Read More](#)
- ◆ Bluetongue Virus in Cervids in Piedmont During the 2024-2025 Outbreak [Read More](#)
- ◆ WHO Rapid Risk Assessment - Chikungunya virus disease, Global v.2 [Read More](#)

### Other

- ◆ ECDC - Rapid Scientific Advice on the management of passengers - In the context of the Andes virus outbreak on the cruise ship MV Hondius [Read More](#)
- ◆ Borna Disease Virus 1 as Cause of Fatal Meningoencephalomyelitis in Wild Hedgehogs, Germany, 2022–2025 [Read More](#)
- ◆ Suspected Sexual Transmission of Dermatophilosis among Men Who Have Sex with Men, Barcelona, Spain, 2025–2026 [Read More](#)
- ◆ Suspected Sexual Transmission of Dermatophilosis among Men Who Have Sex with Men, Lyon and Paris, France, 2025–2026 [Read More](#)
- ◆ Spatiotemporal dynamics of leptospirosis in Europe: a retrospective observational study with prospective projections [Read More](#)
- ◆ Molecular detection of *Chlamydia psittaci* in wild birds, broiler chickens, and sheep in Egypt: a public health concern [Read More](#)
- ◆ New York Global Health Update Report – 05/07/2026 [Read More](#)
- ◆ France - Weekly Bulletin for International Animal Health Surveillance 12/05/2026 [Read More](#)
- ◆ ECDC - Communicable disease threats report, 2 - 8 May, week 19 [Read More](#)
- ◆ European Commission Animal Disease Information System – Weekly Outbreak Summary [Read More](#)
- ◆ SHIC Domestic Disease Monitoring Report – May 2026 [Read More](#)
- ◆ SHIC Global Disease Monitoring Report – May 2026 [Read More](#)

#### Disclaimer

This intelligence report is intended to provide information to risk managers about emerging and zoonotic disease events that could pose a threat to Canada. It is based on information signals acquired and selected from twenty-one distinct disease surveillance sources via the Knowledge Integration using Web-based Intelligence (KIWI) tool hosted on the Canadian Network for Public Health Intelligence (CNPHI) informatics platform. The report is based on the activities of the CEZD Community of Practice and subject to change based on evolving user needs.